JOURNAL OF ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY, VOLUME 244 (1988)

AUTHOR INDEX

Ansell, R.O. 123
Aruchamy, A. 333
Arvia, A.J. 261
Auffret, N. 99

Baltruschat, H. 273
Bard, A.J. 319
Barradas, R.G. 39
Bashyal, B.P. 203
Blackwood, D.J. 301
Borkowska, Z. 1
Bostanov, V. 39
Bowers, M.L. 287
Brina, R. 81
Budevski, E. 39

Canullo, J. 261
Carabias Martínez, R. 221
Cherrat, E. 61
Cole, R.J. 123
Compton, R.G. 203
Cox, B.G. 91

Dean, M.H. 307
De Larreta, E. 311
Deronzier, A. 163
Deslouis, C. 325
Doubova, L. 133
Durfor, C.N. 287

Equey, J. 325
Essakalli, M. 163

Fleet, G.W.J. 203
Fleischmann, M. 81
Fuji, S. 235
Fujishima, A. 333

Gabrielli, C. 325
Gandia, J. 69
Geblewicz, G. 27
Gilmour, A. 123
Giordano, M.C. 261
Girault, H.H.J. 15
Gonzalez, R. 53
Gonzalez-Tejera, M.J. 249
Gudyanga, F.P. 179

Haas, O. 325
Hamelin, A. 133
Hamnett, A. 353
Hartung, T. 273
Heitbaum, J. 273
Hernández Méndez, J. 221
Hillman, A.R. 353
Hourani, M. 147
House, C.I. 179

Jedral, W. 91
Juntao' Lu 339

Kelsall, G.H. 179
Krauskopf, E.K. 347

Lantelme, F. 61
Lee, C.-W. 319

Mallen, E.F. 353
Moutet, J.-C. 163
Musiani, M. 325

Nelson, A. 99
Newmark, A.R. 307
Nguyen Van Huong, C. 249
Northing, R.J. 203

Obretenov, W. 39
Otero, T.F. 311
Ouyang, J. 319

Parajón Costa, B. 261
Peifang Liu 339
Pons, S. 81, 301
Pujadas, M. 69

Rice, L.M. 347
Rodríguez Gonzalo, E. 221

Salvador, P. 69
Salvarezza, R.C. 261
Sanz, F. 53
Schiffrin, D.J. 15, 27
Son, J.C. 203
Stimming, U. 307
Stoicoviciu, L. 133

Tatsumoto, N. 235
Tegtmeyer, D. 273
Torrent, J. 53
Trasatti, S. 133
Tribollet, B. 325

VanderNoot, T.J. 39
Vásquez Moll, D. 261

Waller, A.M. 203
Wieckowski, A. 147, 347

Yamaoka, K. 235
Yenser, B.A. 287

Zhou, G. 333
Zhu, J. 273
Zinger, B. 115

JOURNAL OF ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY, VOLUME 244 (1988)

SUBJECT INDEX

β'' Alumina,
the role of oxygen ion diffusion in the electrode reactions of ——— (Ansell et al.) 123

Anaesthetic gas,
the electro-reduction of the ——— isoflurane (Compton et al.) 203

Chemiluminescence,
electrogenerated ———. Part 51. The tris(2, 2′-bipyrazine) osmium(II) system (Lee et al.) 319

Chromium chloride,
chemical and electrochemical equilibria and kinetics in aqueous Cr(III)/Cr(II) chloride solutions (Kelsall et al.) 179

Collecting counter electrode,
the microelectrode coupled with a ——— (Juntao' Lu, Peifang Liu) 339

Copper,
photoelectrochemical study of the effect of inhibitor on the passivation of ——— in sodium hydroxide aqueous electrolyte (Aruchamy et al.) 333
Underpotential deposition of ——— and silver on polycrystalline ruthenium electrodes (Nguyen Van Huong, Gonzalez-Tejera) 249

Cyclic voltammetry,
application of ——— to the study of diffusion and metalliding processes (Lantelme, Cherrat) 61

3,6-Diaminoacridines,
effect of poly(α-D-glutamic acid) on the polarographic reduction of ——— (Fuji et al.) 235

Diffusion,
application of cyclic voltammetry to the study of ——— and metalliding processes (Lantelme, Cherrat) 61

Di-oleoyl lecithin,
phospholipid monolayers of ——— lecithin at the mercury/water interface (Nelson, Auffret) 99

Double layer,
temperature dependence of the ——— parameters of the (111) face of silver (Hamelin et al.) 133
The electrical ——— at the mercury/solution interface in organic solvents (Review) (Borkowska) 1

EHD impedance,
transient charge transport through modified electrodes by ——— (Deslouis et al.) 325

Electron donor and acceptor,
bifunctionalized polypyrrole modified electrodes containing reversible ——— moieties. Examples of electroinduced chemical reactions occurring inside polymer films (Deronzier et al.) 163

Electron transfer,
——— between immiscible solutions. The hexacyanoferrate–lutetium biphthalocyanine system (Geblewicz, Schiffrin) 27
——— reactions at the interface between two immiscible electrolyte solutions (Girault, Schiffrin) 15

Electroreflectance,
electrolyte ———. Easy and reliable flat-band potential measurements (Gandia et al.) 69

Electrosynthesis,
catalytic ——— of conducting polymers (Zinger) 115

Ellipsometry,
comparison of visible transmission spectroscopic and ellipsometric data obtained during the deposition of thin films on electrodes (Hillman et al.) 353

Ferrocyanide,
an in situ surface Fourier transform infrared study of complexes of lithium, magnesium, potassium and lanthanum ——— at platinum and gold electrodes (Blackwood, Pons) 301
Flat-band potential,
electrolyte electroreflectance. Easy and reliable ——— measurements (Gandia et al.) 69
On the evaluation of the ——— from photocurrent measurements (Dean et al.) 307
Frumkin adsorption isotherm,
standard states and the ——— for substances at electrode interphases (Gonzalez et al.) 53

Gas phase chromatography,
ultramicroelectrode sensors and detectors. Considerations of the stability, sensitivity, reproducibility, and mechanism of ion transport in ——— and in high performance liquid phase chromatography (Brina et al.) 81
Guthion,
electroanalytical study of the pesticide ——— (Hernández Méndez et al.) 221

Hexacyanoferrate,
electron transfer between immiscible solutions. The ———–lutetium biphthalocyanine system (Geblewicz, Schiffrin) 27
High performance liquid phase chromatography,
ultramicroelectrode sensors and detectors. Considerations of the stability, sensitivity, reproducibility, and mechanism of ion transport in gas phase chromatography and in ——— (Brina et al.) 81

Immiscible solutions,
electron transfer between ———. The hexacyanoferrate–lutetium biphthalocyanine system (Geblewicz, Schiffrin) 27
Electron transfer reactions at the interface between two ——— (Girault, Schiffrin) 15
Inhibitor,
photoelectrochemical study of the effect of ——— on the passivation of copper in sodium hydroxide aqueous electrolyte (Aruchamy et al.) 333
Ion transport,
ultramicroelectrode sensors and detectors. Considerations of the stability, sensitivity, reproducibility, and mechanism of ——— in gas phase chromatography and in high performance liquid phase chromatography (Brina et al.) 81
Isoflurane,
the electro-reduction of the anaesthetic gas ——— (Compton et al.) 203

Lutetium biphthalocyanine,
electron transfer between immiscible solutions. The hexacyanoferrate–——— system (Geblewicz, Schiffrin) 27

Mercury,
phospholipid monolayers of di-oleoyl lecithin at the ———/water interface (Nelson, Auffret) 99
The electrical double layer at the ———/solution interface in organic solvents (Review) (Borkowska) 1
Metalliding processes,
application of cyclic voltammetry to the study of diffusion and ——— (Lantelme, Cherrat) 61
Microelectrode,
the ——— coupled with a collecting counter electrode (Juntao' Lu, Peifang Liu) 339
Modified electrodes,
transient charge transport through ——— by EHD impedance (Deslouis et al.) 325

Order/disorder transitions,
single crystal electrochemistry of rhodium. Anion effects and ——— of clean and silver coated Rh (111) surfaces (Hourani, Wieckowski) 147
Organic solvents,
the electrical double layer at the mercury/solution interface in ——— (Review) (Borkowska) 1
Oxygen ion diffusion,
the role of ——— in the electrode reactions of β'' alumina (Ansell et al.) 123

Pesticide,
electroanalytical study of the ——— Guthion (Hernández Méndez et al.) 221
Phospholipid monolayers,
——— of di-oleyol lecithin at the mercury/water interface (Nelson, Auffret) 99
Platinum,
electrochemical reactivity of toluene at porous ——— electrodes (Zhu et al.) 273

On the origin of the "unusual splitting" of voltammograms of the ——— (111) electrode (Krauskopf et al.) 347
Underpotential deposition of copper and silver on polyfaceted and electrochemically faceted ——— (100) electrodes. Application of the combined adsorption–desorption–nucleation and growth mechanism (Parajón Costa et al.) 261
Poly(α-D-glutamic acid),
effect of ——— on the polarographic reduction of 3,6-diaminoacridines (Fuji et al.) 235
Polymer films,
bifunctionalized polypyrrole modified electrodes containing reversible electron donor and acceptor moieties. Examples of electroinduced chemical reactions occurring inside ——— (Deronzier et al.) 163
Polymers,
catalytic electrosynthesis of conducting ——— (Zinger) 115
Polypyrrole,
bifunctionalized ——— modified electrodes containing reversible electron donor and acceptor moieties. Examples of electroinduced chemical reactions occurring inside polymer films (Deronzier et al.) 163
Polythiophene,
conductivity and capacity of ——— films: impedance study (Otero and De Larreta) 311

Rhodium,
single crystal electrochemistry of ———. Anion effects and order/disorder transitions of clean and silver coated Rh (111) surfaces (Hourani, Wieckowski) 147
Riboflavin derivatives,
attachment of ——— to electrode surfaces (Durfor et al.) 287
Ruthenium,
underpotential deposition of copper and silver on polycrystalline ——— electrodes (Nguyen Van Huong, Gonzalez-Tejera) 249

Silver,
single crystal electrochemistry of rhodium. Anion effects and order/disorder transitions of clean and ——— coated Rh (111) surfaces (Hourani, Wieckowski) 147
Statistical analyses of the two-dimensional point pattern of ——— monolayer deposition on a single crystal silver electrode (Barradas et al.) 39
Temperature dependence of the double layer parameters of the (111) face of ——— (Hamelin et al.) 133
Underpotential deposition of copper and ——— on polycrystalline ruthenium electrodes (Nguyen Van Huong, Gonzalez-Tejera) 249
Underpotential deposition of copper and ——— on polyfaceted and electrochemically faceted Pt (100) electrodes. Application of the combined adsorption–desorption–nucleation and growth mechanism (Parajón Costa et al.) 261
Sodium hydroxide,
photoelectrochemical study of the effect of inhibitor on the passivation of copper in ——— aqueous electrolyte (Aruchamy et al.) 333
Square-wave amperometry,
improved electronic equipment for ——— (Cox, Jedral) 91
Standard states,
——— and the Frumkin adsorption isotherm for substances at electrode interphases (Gonzalez et al.) 53

Thin films,
comparison of visible transmission spectroscopic and ellipsometric data obtained during the deposition of ——— on electrodes (Hillman et al.) 353
Toluene,
the electrochemical reactivity of ——— at porous Pt electrodes (Zhu et al.) 273
Tris(2,2′-bipyrazine) osmium(II) system,
electrogenerated chemiluminescence. Part 51. The ——— (Lee et al.) 319
Two-dimensional point pattern,
statistical analyses of the ——— of silver monolayer deposition on a single crystal silver electrode (Barradas et al.) 39

Ultramicroelectrode,
——— sensors and detectors. Considerations of the stability, sensitivity, reproducibility, and mechanism of ion transport in gas phase chromatography and in high performance liquid phase chromatography (Brina et al.) 81
"Unusual splitting",
on the origin of the ——— of voltammograms of the Pt (111) electrode (Krauskopf et al.) 347

Visible transmission spectroscopy,
comparison of visible transmission spectroscopic and ellipsometric data obtained during the deposition of thin films on electrodes (Hillman et al.) 353